WHAT IS CLAIMED IS:

- 1. A method of printing a substrate with ink drops, image-wise, utilizing an inkjet printing device containing at least one print head provided with at least one row of nozzles, said substrate forming a regular field of pixel rows and pixel columns, the resolution of the pixel columns being equal to the resolution of the row of nozzles, which comprises
 - initiating a first printing stage in which a strip of pixel rows is provided with ink drops.
 - whereafter the print head is displaced in a direction substantially parallel to the pixel columns, and
 - initiating a second printing stage in which the strip is provided with supplementary ink drops, wherein the print head is displaced over a distance such that the same is substantially equal to the width of one pixel row.
- 15 2. The method according to claim 1 wherein one extra nozzle is added to the row of nozzles.
 - 3. The method according to claim 1, wherein the row of nozzles used in the first printing stage differs from the row of nozzles used in the second printing stage.
 - 4. The method according to claim 1, wherein the print head used in the first printing stage differs from the print head used in the second printing stage.
- 5. The method according to claim 1, wherein substantially each pixel is printed with no more than one ink drop.

6. An apparatus for printing a substrate with ink drops, image-wise, which comprises

an inkjet printing device containing at least one print head provided with at lest one row of nezzles,

said substrate forming a regular field of pixel rows and pixel columns, the resolution of the pixel columns being equal to the resolution of the row of nozzles,

means for initiating a first printing stage in which a strip of pixel rows is provided with ink drops, said print head being displaced in a direction substantially parallel to the pixel columns, and

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means for initiating a second printing stage in which the strip is provided with supplementary ink drops, wherein the print head is displaced over a distance such that the same is substantially equal to the width of one pixel row.